

AMENDMENTS TO THE ABSTRACT:

Please amend the Abstract as follows:

Abstract

Resonant Magnetometer Device

A resonant magnetometer (20) is described that comprises a substrate having ~~an~~ a member (26) and ~~means~~ circuitry for passing an alternating current (AC) through said ~~oscillatory~~ the member (26). The magnetometer is characterised in that ~~driving means~~ a driver (46,48) ~~are~~ is also provided to impart a magnetic field independent oscillatory force to said ~~oscillatory~~ the member (26). A Disclosed is a micro-electromechanical systems (MEMS) implementation of ~~the~~ a magnetometer ~~is described~~.

~~Figure 3 refers~~